

ABSTRACT

[0058] An automatic packaging machine for forming a latching flip-top box from a blank. A plurality of mandrels are coupled to a conveyor system. Each of the mandrels include a mounting block for coupling the mandrel to the automatic packaging machine, a package-holding assembly operatively connected to the mounting block and being rotatable about a first axis from a first position to a second position, and a flap holder assembly operatively connected to the mounting block. The flap holder assembly is rotatable about a second axis substantially perpendicular to the first axis. A plurality of plows and tucker assemblies sequentially manipulate portions of the blank in order to form portions of the box.